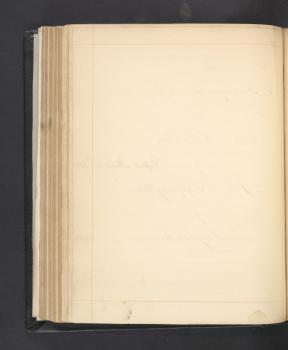
Inaugural Essay. Acute Hepatitis. by Paped Mand 14. 1825. John Sappington. Maryland.



Inaugural Dispertation. The Degree Doctor of Medicine. Submitted to The Examination. Medical Professors. of The University of Pennsylvania. On the day of Nour 1824



Hepatitis.

It appears to be a disease to which the adults, on mon subject them those under puterly; males, made them permales; and is more prepared in the not than in cold or tempurate climates.

It has generally been considered of two hinds; one Soute, the other Chemic. I shall treat, only of the farmas, not because the latter, is not of prequent occurrence, but because either, I think is of sufficient because it her a Thesis.

Acute Repatitis is defined by D'bullen Gever, tunsion and pain, where punyout in office, of the right hypochondrium, pain at the classica and top of the right shoulder, the patient being with difficulty in the left side,



dyspinaa; a dry cough; romiting and with in the same case, when the vomitino; and when there is he went vomiting, the patient is seldom still more rarely with much cough. attend, because the common Symptoms



to afist much in the diagnosis.

Symptoms

Side other inflammations, The failes
makes its attack more or life suddenly
be comes on with a sense, of chillings
preceding pain in the light hypochodium,
semetimes acute, other times chaonic,
and is increased on preferre, but
it is not confined, to the region
of the liver, it extendes to the bust,
claricle, and shoulder, of the right
hypochodium, and in the last it

Seat of the disease. It is accompanied with a cough,

It is accompanied with a coupt, of lying, in either side or if they like with ease it is on the affected side. It is accompanied with housen.

It is accompanied, with nausea, sickness, and often with a comiting



and the tongue is covered with a



pains to deturnine what part of the lover is affected in different cases

of Mipalettes. " It is said, when great difficulty, of heathing, and cough, accompany

the pair in the region of the liver, that these symptoms indicate the inflammation to be scaled in

the concer part; but where the inflammation occupies the concar, which lies contiguous to the stemach, there is more sickness and writing and monover, the pain is not so

violent in the region of the

It Thomas says "my own observations during a practice of many years in the Most Indies, (where Hefalities is a disease of prequent occurrences)



pumit me to say that the symptoms which have just been pointed out are so unequivocal as has been represented To Girdlestone observes " That when pain of the shoulder attends Hepatitis, its seat generally correspondes with the part of the liver most affected, being anterior or posterior according as the anterior or posterior parts of the liver are the seat of the complaint. when the inflammation attacks the left lobe, the pain is often in the left shoulder?

is sometimes in both scapula, and now and then felt in the left side under the lower false libs? It seems heballe, says It bullen, "That Accut Supatitis is always an affection



inspiration, which is impeded by it. accompanies this complaint is The cough is generally short, dry,

The fulse, when the concare part of of the liver is affected is often small and feeble, in other cases it is stronge,



griping and bilious stools. It now then to be regarded as complicated, turnination which can be considered as favourable, although suppuration is in most other visceral inflammations.

Six John Pringle observes " That night



10

to the lungs, this is the viscus most

The tendency to resolution, is known by the symptoms and their yielding to the proper

armedies, particularly by that hing little dyspnæa, cough, hickup, armiting, oppussion, or debility.

He judge of the tendency to supported by the violence and obstinacy of the symptoms, but as soon as supportation

takes place, the pain remits, and there is generally a sense of weight and pulsation in the region of the

liver, the former being increased thing on the lett side.

In many cases there is an evident tumour, and Muchuation may be read

fett.

The danger from suppuration depends



it points outwards, there is almost matter is readily discharged by an incision, and the patient pequently Recovers. When the abscept is scated in the most internal part of the and the fluctuation can rarely be perceived. In such cases adhesions are sometimes formed with the intestines, and the absceps breaking into them is discharged by stool, and the patient sometimes recovers. De Cullen, and Saunders, think it probable, that the matter sometimes passes along the biliary-ducts into The duodenum. An adhesion is sometimes formed

with the diaphragm, and the abserts

heads into the cavity of the thorax. There is, perhaps, no instance of a

recovery after this accident.

a In other paralent or pretreation may occur without any direct communication between the liver and lands, in consequence

of the inflammation Spreading to the latter and either occasioning absorb

there; or a purulent secretion pom

the surface of the bronchia."

Sometimes though more rarely, suppura takes place in the liver, and the

matter is discharged into the cavity of the abdomen occasioning hurulent

ascites.

The period of suppuration varies, according to the climate the violence of the symptoms, the habit of the patient, and the mode of treatment, re.



gangrene has taken place the inflammatory symptoms subside suddenly, cold sweats, the pulse becomes weak and fluttering, with constant hickup and cold extremities. There is generally a black matter Rejected by vomiting, the stools are unusually offensibe and of a dark colour; and syncopes prequently precede death, which is

The chief diaghostic symptoms of this complaint are, the sait and kind of the pains which attend it that have been already mentioned, but most



Preumonia, by the sallowness of the The heat, and pain, not being increased whon taking any thing into the Stomach. Its being able to retain whatever liquids, and medicines, are Received into it without the immediate rejection of them and distinguish it from Gastritis. Repatitis, may be discurred from spasm of the gall-ducts, by these not being so much and sometimes not altended with nausea, by the pain being permanent, and by the pulse



15

being strong, hard, and prequent, and by the patient always preferring to keep the body; in a straight quiscent posture, whose as, the greatest ease is altained by bending the body forward in the knees.

Remote Causes.

These are all such as induce debility, either directly, or inderectly.

Besides the causes producing other inflammations, such as the application of cold, external injuries from contusions, blows, 4: This disease may be occasioned by violent exercise, by intense heat, by certain possions of the mind.

At is said hatred causes it,) most expecially the dispripring passions, by long continued intermittent; and termittent posses, by and intemperate use y ardent liquous, and by various

solid concretions in the substance of the liver, or any thing preventing the flew of the like from the liver into the intestines.

In bullen ranks among the occasional causes of the acute Hipalitis, the chronic form of this disease; for the two forms prequently pass into each other.

Other causes may predispose to this disease, but those I have mentioned

we much the most common. Predishosing Causes.

The predisposing cause of this disease, as well as other phile diseases, as fully illustrated by It Rush, is - Soliting

Exciting Causes.

The exciting cause are stimuli of all kinds, as-

Heat. The most prequent exciting



cause of this disease, will be found the application of cola, or not; when the body is heated, a very much faligued, by violent exercise.

of the is common in warm climates, for soldiers; in long and fatiguing marches; to be sized with this complaint, and the damp, of the night in warm climates prequently exeits this disease."

There are no other of the Phlegmasie, perhaps, so pequently excited by the use of ardent liquois, as this the prequency in India is ascribed, by some authors, to the general use of Anach.

In fact, any thing, that excites the system into action, may, with propriety, be sanked under the head of exciting causes.



Proximate Cause.

Practices, induced, have duen the sentiments of authors, respecting the programate causes. I can consider the programate cause, and disease, in no other light, then as different terms, expressing the same thing.

Programsis.

Muse is parkage he way, in which hysicians have more proquently exposed themselves to the contempt and indicate of the world, than in the progressis of diseases. They should avoid deciding positively, as to the event y any disease, "In it is impossible," says It Mush in accide deseases, to till where life ends, and when death begins. Mundreds of patients have recovered, who have been pronounced incurally to the other dispace of the proposion?



should the leverse of those symptoms occur, with little dysponaa, cough,



To the method of treating this stage of Nepalitis, our indications will

1 To moderate and remove the inflammation.

Blood-letting. All modern authors

Lancet; in the early stage of the

suppuration. It should be employed, in the earliest stage.

Rule of this kind. When the palse is the quantity which is taken away to the severity, of the pain, the degree of



is better than taking, a small quantity in the earliest stage of the disease, the the state of the system; these done, it Cathartics are employed with great night, and worked, off in the morning with Epsom Salts, or Sulphas of Soda;



few days; should the Calomel, act on the bowels, too feely we may join with by rulbing in as much of the Unquentum

shoken of the use of mercury in Acute Repatitis, as, I thought it the most this valuable remedy, therefore, I hope it will not be considered misplaced speak of it as the remedy, no which ment to blood-letting, they chiefly Relied nor did they trust to its cathartie,



of the local remedies, and the mode to prove very serviceable, and the

Marm Bath . If the skin, is dry, and the pairs, in the region of the liver,



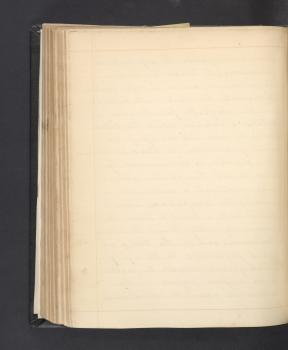
the warm bath, will be found very serviceable and this may be repeated applying for apistance, or when the effect, and suppuration has insued, " To effect the first of those intentions,



the suppuration is completed, and well formenting, it twice a day previous to the application thereof." and has become somewhat soft, to touch its adhesion with the corresponding portion of the peritoneum.



proved successful. It is of material large, enough, and in a proper direction to evacuate the whole matter contained seems to have lost his life, from want of attention to this circumstance. The operation is recommended, by reaching the abscep; it may either be Peritoneum, and in the liver, of an extent proportioned to the size of the absceps, and evacuate the matter by an uniform pressure on the abdominal viscera; The wound should



be kept open by light drefsings, as, dry lint on removing which the matter may be pressed; out as often as the case requires it. To facilitate the discharge of the matter. the most favourable position, To the end, of the cure, cinchona, with stomachie bitters, wine, and a generous diet, will be proper. "Suppuration of the liver is a disease, of such prequent occurrence; in the East Indies, and other warm climates, that the Practitioners their have become very expert at this operation, and percently, does not point at all; judging, merely by the preceding progress, of the case, and the degree of fulness, of the hypochondrium.